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AGA American Gas Association

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics Telephone (703) 841-8503

September 1987

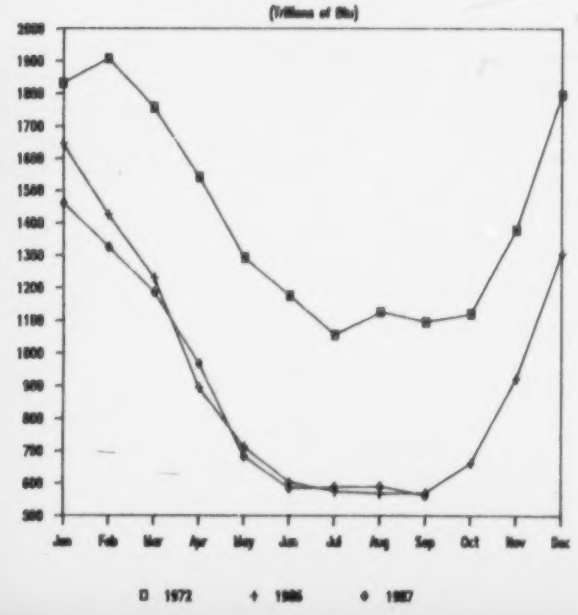
Electric generation sales increased while residential, commercial and industrial sales decreased in September, 1987 compared with last year. Total utility sales were down from 571.6 trillion Btu in September, 1986 to 563.3 trillion Btu in September, 1987. Transportation volumes to end-users were up 74.0 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

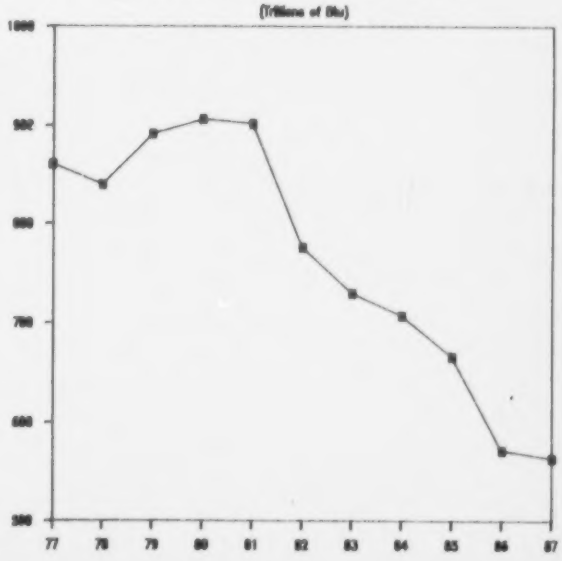
	September			Year-to-Date		January 1 to December 31		
	1987	1986	%Change[1]	1987	(% Change) Last Period	1987 Forecast[2]	1986	% Change
Residential	128.4	134.7	- 4.7	3,155.4	- 0.1	4,362.5	4,380.1	- 0.4
Commercial	85.7	88.4	- 3.1	1,563.8	- 3.4	2,185.0	2,238.4	- 2.4
Industrial	146.8	178.5	- 17.7	1,639.0	- 26.0	2,316.7	2,892.0	- 19.9
Elec. Gen.	194.5	162.2	+ 19.9	1,467.5	+ 30.8	1,794.3	1,448.7	+ 23.9
Other	7.9	7.8	-	128.9	-	168.1	167.2	-
Total Sales	563.3	571.6	- 1.5	7,954.6	- 3.4	10,826.6	11,126.4	- 2.7
Transportation	311.9	179.3	+ 74.0	2,433.2	+ 68.4			
Total Volumes	875.2	750.9	+ 16.6	10,387.8	+ 7.3			

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

TOTAL MONTHLY GAS UTILITY SALES



SEPTEMBER TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - SEPTEMBER

(Thousands of Units)

		1987	1986	% Change '86 vs. '87
Domestic Ranges	- Gas	202.0	189.1	+ 6.8
	- Electric	288.8	294.4	- 1.9
Clothes Dryers	- Gas	104.0	89.2	+ 16.6
	- Electric	346.4	318.7	+ 8.7
Water Heaters	- Gas	311.7	290.4	+ 7.3
	- Electric	269.7	275.5	- 2.1
Warm Air Furnaces	- Gas	234.0	217.5	+ 7.6
	- Electric	31.6	35.4	- 10.7
	- Oil	31.8	30.0	+ 6.0
Boilers	- Gas	22.0	26.1	- 15.8
	- Electric	0.1	0.1	- 22.6
	- Oil	15.5	15.3	+ 1.2

Source: Gas Appliance Manufacturers Association (GAMA).

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(September 1987)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$1.88
Southeast	$1.59
Midwest	$1.69
Southwest	$1.49
Total	$1.66

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - SEPTEMBER

	1987	1986	% Change '86 vs '87
Total Actual Private Housing Starts (Thous. of units)	142.8	145.0	- 1.5
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	533.5	550.5	- 3.1
Electricity	388.3	389.8	- 0.4
Fuel Oil	499.2	436.3	+ 14.4
Index Total Gas Sales (1972 = 100)	51.4	52.2	- 1.5
Gas Utility Prices ($/MMBtu)			
Residential	6.44	6.47	- 0.5
Commercial	4.72	4.81	- 1.9
Industrial	3.12	3.32	- 6.0
Electric Generation	2.61	2.68	- 2.6
Total	3.94	4.11	- 4.1
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	311.9	179.3	+ 74.0
For Ultimate Consumers	82.5	57.0	+ 44.7
For Resale	547.8	365.3	+ 50.0
Total	942.2	601.6	+ 56.6

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1978	Dec.	2.184	2.534	2.279	1.940	1.721	1.788
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Sep.	4.720	5.757	5.177	3.832	3.041	4.242
	Oct.	4.695	5.749	5.155	3.774	2.930	4.182
	Nov.	4.657	5.706	5.106	3.713	2.823	4.115
	Dec.	4.601	5.651	5.034	3.649	2.726	4.024
1987[P]	Jan.	4.545	5.600	4.967	3.577	2.647	3.987
	Feb.	4.506	5.547	4.910	3.525	2.644	3.905
	Mar.	4.466	5.502	4.856	3.492	2.628	3.862
	Apr.	4.426	5.461	4.819	3.460	2.614	3.790
	May	4.401	5.446	4.802	3.435	2.578	3.754
	Jun.	4.388	5.444	4.799	3.413	2.551	3.758
	Jul.	4.375	5.440	4.792	3.392	2.550	3.693
	Aug.	4.363	5.436	4.788	3.377	2.548	3.668
	Sep.	4.354	5.434	4.784	3.365	2.543	3.657

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1985	Sep.	4.74	6.93	5.40	3.94	4.12	3.71
	Oct.	4.82	6.39	5.35	3.98	4.13	3.73
	Nov.	4.95	6.03	5.34	4.02	4.18	3.71
	Dec.	4.97	5.54	5.24	4.02	4.14	3.71
1986	Jan.	4.95	5.44	5.20	3.93	4.06	3.48
	Feb.	4.95	5.50	5.19	3.84	4.06	2.94
	Mar.	4.81	5.49	5.15	3.59	3.84	2.76
	Apr.	4.68	5.76	5.21	3.38	3.70	2.61
	May	4.49	6.04	5.18	3.24	3.51	2.73
	Jun.	4.29	6.49	5.11	3.10	3.47	2.58
	Jul.	4.11	6.56	4.95	3.01	3.36	2.61
	Aug.	4.12	6.80	4.90	3.01	3.30	2.65
	Sep.	4.11	6.47	4.81	3.02	3.32	2.68
	Oct.	4.40	6.23	4.94	3.09	3.38	2.59
	Nov.	4.51	5.50	4.77	3.23	3.52	2.61
	Dec.	4.55	5.15	4.72	3.34	3.59	2.75
1987[P]	Jan.	4.57	5.14	4.78	3.13	3.44	2.34
	Feb.	4.66	5.17	4.80	3.42	3.64	2.87
	Mar.	4.45	5.14	4.70	3.12	3.55	2.55
	Apr.	4.22	5.27	4.75	2.91	3.35	2.51
	May	4.09	5.76	4.89	2.74	3.15	2.34
	Jun.	4.04	6.48	5.06	2.70	3.13	2.34
	Jul.	3.87	6.42	4.75	2.79	3.06	2.58
	Aug.	3.92	6.66	4.81	2.84	3.09	2.62
	Sep.	3.94	6.44	4.72	2.83	3.12	2.61

Editor - Susan Brown (703/841-8503)

[1]The percent change is a function of the 69 sample companies.

[2]1987 forecasts for the residential and commercial sectors are based on available 1987 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (both industrial only and electric generation) is also based on available 1987 monthly data with the remaining months of 1987 heavily weighted by last years sales with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary.

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October 1987

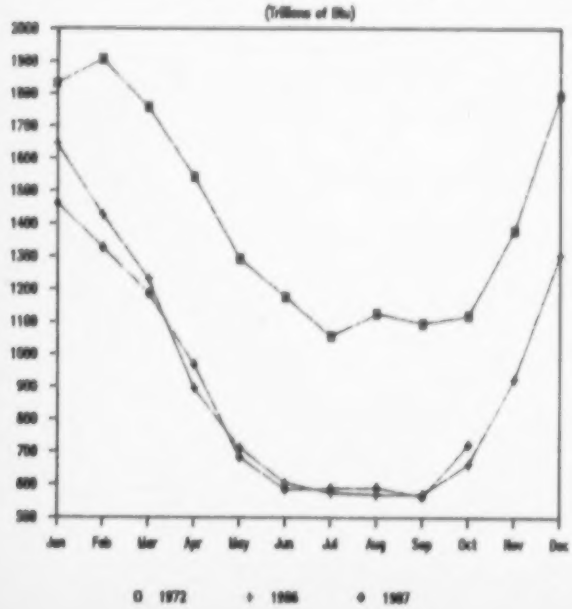
Residential, commercial and electric generation sales increased while industrial sales decreased in October, 1987 compared with last year. Total utility sales were up from 662.8 trillion Btu in October, 1986 to 721.5 trillion Btu in October, 1987. Transportation volumes to end-users were up 55.6 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

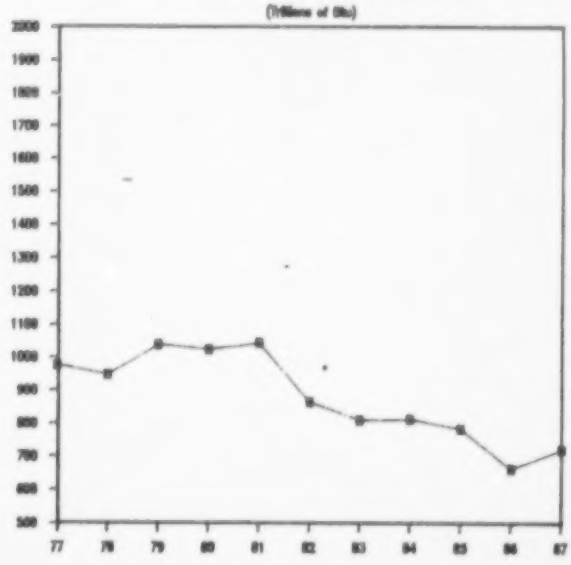
	October			Year-to-Date		January 1 to December 31		
	1987	1986	%Change[1]	1987	(% Change) Last Period	1987 Forecast[2]	1986	% Change
Residential	235.0	204.0	+ 15.2	3,390.4	+ 0.9	4,397.2	4,380.1	+ 0.4
Commercial	137.6	119.1	+ 15.6	1,701.4	- 2.1	2,202.7	2,238.4	- 1.6
Industrial*	194.0	210.3	- 7.8	1,833.0	- 24.4	2,300.4	2,892.0	- 20.5
Elec. Gen.	141.3	118.6	+ 19.1	1,608.8	+ 29.7	1,817.0	1,448.7	+ 25.4
Other	13.6	10.8	-	142.5	-	173.2	167.2	-
Total Sales	721.5	662.8	+ 8.9	8,676.1	- 2.5	10,890.5	11,126.4	- 2.1
Transportation*	305.8	196.5	+ 55.6	2,739.0	+ 66.9			
Total Volumes	1,027.3	859.3	+ 19.6	11,415.1	+ .8.3			

*Significant industrial sales volumes have been displaced by transportation volumes in 1987.

TOTAL MONTHLY GAS UTILITY SALES



OCTOBER TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - OCTOBER
(Thousands of Units)

		1987	1986	% Change '86 vs. '87
Domestic Ranges	- Gas	210.5	182.2	+ 15.5
	- Electric	307.4	318.6	- 3.5
Clothes Dryers	- Gas	93.0	107.0	- 13.1
	- Electric	310.0	352.7	- 12.1
Water Heaters	- Gas	360.6	346.4	+ 4.1
	- Electric	294.4	304.8	- 3.4
Warm Air Furnaces	- Gas	240.6	251.7	- 4.4
	- Electric	29.1	32.2	- 9.5
	- Oil	25.8	32.0	- 19.5
Boilers	- Gas	28.4	28.9	- 1.8
	- Electric	0.1	0.1	- 35.0
	- Oil	18.1	17.6	+ 3.1

Source: Gas Appliance Manufacturers Association (GAMA).

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(October 1987)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$1.83
Southeast	$1.93
Midwest	$1.77
Southwest	$1.46
Total	$1.71

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - OCTOBER

	1987	1986	% Change '86 vs '87
Total Actual Private Housing Starts (Thous. of units)	135.4	154.8	- 12.5
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	530.0	552.4	- 4.1
Electricity	364.0	361.3	+ 0.7
Fuel Oil	506.0	434.0	+ 16.6

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	64.4	59.2	+ 8.9
Gas Utility Prices ($/MMBtu)			
Residential	5.74	6.23	- 7.8
Commercial	4.50	4.94	- 8.9
Industrial	3.22	3.38	- 4.7
Electric Generation	2.53	2.59	- 2.0
Total	4.15	4.40	- 5.7
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	305.8	196.5	+ 55.6
For Ultimate Consumers	90.9	49.7	+ 82.9
For Resale	599.6	493.0	+ 21.6
Total	996.3	739.2	+ 34.8

Source: American Gas Association

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($/MMBtu)

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	May	4.401	5.446	4.802	3.435	2.578	3.754
	Jun.	4.388	5.444	4.799	3.413	2.551	3.758
	Jul.	4.375	5.440	4.792	3.392	2.550	3.693
	Aug.	4.363	5.436	4.788	3.377	2.548	3.668
	Sep.	4.354	5.434	4.784	3.365	2.543	3.657
	Oct.	4.338	5.414	4.758	3.352	2.540	3.616

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1986	Jan.	4.95	5.44	5.20	3.93	4.06	3.48
	Feb.	4.95	5.50	5.19	3.84	4.06	2.94
	Mar.	4.81	5.49	5.15	3.59	3.84	2.76
	Apr.	4.68	5.76	5.21	3.38	3.70	2.61
	May	4.49	6.04	5.18	3.24	3.51	2.73
	Jun.	4.29	6.49	5.11	3.10	3.47	2.58
	Jul.	4.11	6.56	4.95	3.01	3.36	2.61
	Aug.	4.12	6.80	4.90	3.01	3.30	2.65
	Sep.	4.11	6.47	4.81	3.02	3.32	2.68
	Oct.	4.40	6.23	4.94	3.09	3.38	2.59
	Nov.	4.51	5.50	4.77	3.23	3.52	2.61
	Dec.	4.55	5.15	4.72	3.34	3.59	2.75
1987[P]	Jan.	4.57	5.14	4.78	3.13	3.44	2.34
	Feb.	4.66	5.17	4.80	3.42	3.64	2.87
	Mar.	4.45	5.14	4.70	3.12	3.55	2.55
	Apr.	4.22	5.27	4.75	2.91	3.35	2.51
	May	4.09	5.76	4.89	2.74	3.15	2.34
	Jun.	4.04	6.48	5.06	2.70	3.13	2.34
	Jul.	3.87	6.42	4.75	2.79	3.06	2.58
	Aug.	3.92	6.66	4.81	2.84	3.09	2.62
	Sep.	3.94	6.44	4.72	2.83	3.12	2.61
	Oct.	4.15	5.74	4.50	2.93	3.22	2.53

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